

Table 3-1

**Site Sampling Rationale
Supplemental Site Investigation
Building 1740, Soldier's Chapel, Parcel 127(7)
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Media	Site Sampling Rationale
PPMP-127-MW01	Groundwater	A permanent residuum groundwater monitoring well will be installed to replace temporary well PPMP-127-GP01. The monitoring well will be constructed to an estimated depth of about 35 feet below ground surface. Groundwater samples will be collected and analyzed for VOCs to verify the horizontal extent of carbon tetrachloride in groundwater. Temporary well PPMP-127-GP01 will be abandoned per ADEM guidelines.
PPMP-127-MW02	Groundwater	A permanent residuum groundwater monitoring well will be installed to replace temporary well PPMP-127-GP02. The monitoring well will be constructed to an estimated depth of about 35 feet below ground surface. Groundwater samples will be collected and analyzed for VOCs to verify the horizontal extent of carbon tetrachloride in groundwater. Temporary well PPMP-127-GP02 will be abandoned per ADEM guidelines.
PPMP-127-MW03	Groundwater	A permanent residuum groundwater monitoring well will be installed to replace temporary well PPMP-127-GP03. The monitoring well will be constructed to an estimated depth of about 30 feet below ground surface. Groundwater samples will be collected and analyzed for VOCs to verify the horizontal extent of carbon tetrachloride in groundwater. Temporary well PPMP-127-GP03 will be abandoned per ADEM guidelines.
PPMP-127-MW04	Groundwater	A permanent residuum groundwater monitoring well will be installed about 140 feet north of temporary well PPMP-127-GP02. The monitoring well will be constructed to an estimated depth of about 30 feet below ground surface. Groundwater samples will be collected and analyzed for VOCs to determine the horizontal extent of carbon tetrachloride in groundwater.
PPMP-127-MW05	Groundwater	A permanent residuum groundwater monitoring well will be installed about 100 feet east-northeast of temporary well PPMP-127-GP02. The monitoring well will be constructed to an estimated depth of about 30 feet below ground surface. Groundwater samples will be collected and analyzed for VOCs to determine the horizontal extent of carbon tetrachloride in groundwater.
PPMP-127-MW06	Groundwater	A permanent bedrock groundwater monitoring well will be installed adjacent to proposed well location PPMP-127-MW02. The monitoring well will be installed as a double cased well, with the outer casing installed to approximately 35 feet below ground surface, and the inner casing installed to approximately 75 feet below ground surface. Groundwater samples will be collected and analyzed for VOCs to determine the vertical extent of carbon tetrachloride in groundwater.